



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 1, 2015

Joshua Wiley
Regulatory Assurance Manager
Arch Chemicals, Inc.
1200 Bluegrass Lakes PKWY
Alpharetta, GA 30004

Subject: Label Amendment – Label Updates
Product Name: AW03 GRANULAR
EPA Registration Number: 1258-1328
Application Date: January 30, 2015
Decision Number: 499662

Dear Mr. Wiley:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

Page 2 of 2
EPA Reg. No. 1258-1328
Decision No. 499662

with FIFRA section 6. If you have any questions, please contact Tuere Williams by phone at 703-347-0316, or via email at williams.tuere@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "John Hebert" with a stylized flourish at the end.

John Hebert, Chief
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Note to reviewer:

[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]

{All text in braces {AAA} is for information purposes and will not appear on final label}

AW03 Granular

ACTIVE INGREDIENT: Zinc Sulfate Monohydrate98.0%

OTHER INGREDIENTS:2.0%

TOTAL:100.0%

Contains 35.5 % elemental zinc

KEEP OUT OF REACH OF CHILDREN

[MANTENGASE FUERA DEL ALCANCE DE LOS NIÑOS]

DANGER [PELIGRO]

{Note to reviewer: Although this product has a “Danger” signal word, as per the EPA label review manual “The Agency may permit reasonable variations in the placement of the First Aid statement as long as the reference statement, “See First Aid (or Statement of Practical Treatment) on (identify appropriate panel)” appears on the front panel.” If the First Aid Statements are placed on the front panel of the final graphic label, the statement below will only reference Precautionary Statements:}

Read all Precautionary [and First Aid] Statements on [back] [side] [right] [left] panel before use.

[Manufactured for] [Sold by]:

Arch Chemicals, Inc.

P.O. Box 724438

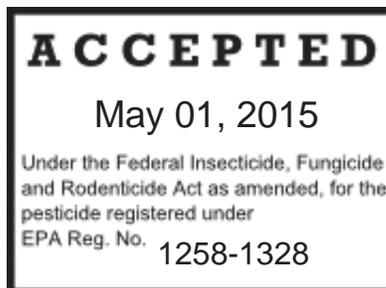
Atlanta, GA 31139-1438

EPA Reg. No.: 1258-1328

[Superscript Used in Lot Number]

EPA Est. No.: XXX-yy-zz

NET WEIGHT



PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed or inhaled.

- [•] Do not get in eyes or on clothing. Avoid contact with skin.
- [•] Avoid breathing dust or spray mist.
- [•] Wear protective goggles.
- [•] Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- [•] Remove and wash contaminated clothing before reuse.

FIRST AID:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IN CASE OF EMERGENCY CALL: 1-800-654-6911

PHYSICAL AND CHEMICAL HAZARDS: Avoid contact with strong oxidizers.

{First sentence of paragraph below for containers less than 50 lbs. All others use full paragraph.}

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE & DISPOSAL:

{Nonrefillable container - household/residential use}

[Keep this product dry in its original tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment.]

{Refillable container – household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with this product only. Do not use this container for any other purpose. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

{Nonrefillable container - non-household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

{Refillable container – non-household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with this product only. Do not use this container for any other purpose. Cleaning of this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

{Optional marketing claims}

{General}

[[Pour] [Add] directly in [to] pool water]

[Monthly use prevents algae]

[Swim immediately]

[Compatible with most sanitizers [including bromine, chlorine, biguanide, salt water, ozone and minerals].]

[No need to pre-dissolve]

[For pool startup and routine maintenance]

{Algae Treatment – Green}

[Ideal for treating green algae]

[Protects against algae growth]

[Prevent[s] algae growth [before it starts]]

[[Prevents] [and] [&] [Controls] algae]

[[Prevents] [and] [&] [Controls] green algae]

[Effective green algae [control] [prevention]]

[Prevent algae growth before it starts]

[Algae [fighting]]

[[Treats] [Controls] algae growth]

[Prevents green algae]

[Treats algae growth]

[Controls algae growth]

[Prevents re-growth of algae]

[Long lasting protection from algae]

[Prevents algae]

{Algae Treatment – Multi}

[Controls] green [, blue-green] [, mustard] [, yellow] [,and][&] other [swimming pool] algae]

[Prevents] green [, blue-green] [, mustard] [, yellow] [,and][&] other [swimming pool] algae]

[Controls growth of green [, blue-green] [, mustard] [, yellow] [,and][&] other [swimming pool] algae]

[Treats green [, blue-green] [, mustard] [, yellow] [,and][&] other [swimming pool] algae]

[Protects against green [, blue-green] [, mustard] [, yellow] [,and][&] other [swimming pool] algae]

[Controls green [, mustard] [, yellow] [,and][&] black] [swimming pool] algae]

[Prevents green [, mustard] [, yellow] [,and][&] black] [swimming pool] algae]

[Controls growth of green [, mustard] [, yellow] [,and][&] black] [swimming pool] algae]

[Treats green [, mustard] [, yellow] [,and][&] black] [swimming pool] algae]

[Protects against green [, mustard] [, yellow] [,and][&] black] [swimming pool] algae]

[Stops green [, mustard] [, yellow] [,and][&] black] [swimming pool] algae]

[Ideal for treating green [and][&] [mustard] [yellow] algae]

[Ideal for treating green, black [and][&] [mustard] [yellow] algae]

[Ideal for treating black algae]

[Ideal for treating algae]

[Effective treatment against green, black [and][&] [mustard] [yellow] algae]

{Multi-Benefit}

[6-in-1 [Action] [Algaecide]]

[5-in-1 [Action] [Algaecide]]

[4-in-1 [Action] [Algaecide]]

[3-in-1 [Action] [Algaecide]]

[2-in-1 [Action] [Algaecide]]
[Multi-action algaecide]
[Multi-action algicide]

{Ease of Use}

[Easy[-]to[-]use]
[Easy, economical, convenient to use]
[Reduced maintenance formulation]
[Convenient]
[Economical]

{Pool Type}

[[Best used with] [Ideal for] [For] pop-up pools]
[[For use][Ideal] [with] [for] all pool [surfaces][types]]
[Ideal for [vinyl-lined pools] {or} [pools with vinyl liners] when used as directed]
[[For use] [Ideal] [with] [for] all pool types [including vinyl-liner pools]]
[Ideal for [in ground] [and][&] [above ground] [pools] [with a skimmer]]
[Good for all pool surfaces]
[Special pop-up pool size]
[Effective in vinyl and plaster pools]
[For use in vinyl and plaster pools]
[Compatible with all pool sanitizers]
[Ideal for use in chlorine pools]
[Ideal for use in chlorine-free pools]

{Spa Type}

[Ideal for spa use]
[Good for all [spa] surfaces]

{Winterizing}

[Effective winterizer]
[Ideal for winterizing]

{Marketing Language}

[[Here to Help] [since 1928]]
[Pool [Care] Experts since 1928]
[Bonus Pack]
[Value Pack]
[Concentrated Formula]

{Pack Description}

[[Receive] [Get] X bonus bottle[s]] {where "X" represents a number}

[[Bonus] [Free] bottle [of X] inside] {where "X" represents a product name}

{Compatibility with salt pools}

[Compatible with salt [water] [systems] [pools]]

[Salt [water] [system] [pool] compatible]

{Spas and Hot Tubs}

[Controls green [, black] [and][&]] [mustard] [yellow] [spa] algae]

[Prevents green [, black] [and][&]] [mustard] [yellow] [spa] algae]

[Controls growth of green [, black] [and][&]] [mustard][yellow] [spa] algae]

[Treats green [, black] [and][&]] [mustard] [yellow] [spa] algae]

[Protects against green [, black] [and][&]] [mustard] [yellow] [spa] algae]

{optional claims for pool kit}

[For opening or closing your pool]

[Treats up to 20,000 gallons]

[Ideal for pools ranging from 10,000 to 20,000 gallons]

[HTH® Balancers and Sanitizers sold separately]

[Convenient and easy to use kit for opening or closing your pool]

[The HTH® Pool Care Kit is ideal for opening your pool or closing your pool]

[For best results, use with other HTH® pool care products]

[Includes 10 Bonus [product name] Test Strips]

[10 Bonus [product name] Test Strips included]

{Steps}

[For best results, follow the [brand] 3-Step Program:]

[For best results, follow the [brand] 4 step pool care program:]

[Step] [1] [Balance]

[Step] [2] [Sanitize]

[Step] [3] [Shock] [Weekly]

[Step] [4] [Prevent Algae]

{Graphic renderings of the 4 steps:}



[]

[[Brand] 3-Step System]
[Step] [1] [Balance]
[Step] [2] [Sanitize]
[Step] [3] [Shock] [Weekly]
[Prevent]
[Enhance]

[[Brand or poolife®] 3-Step System:
[Step] 1 [Sanitize It!]
[Step] 2 [Shock It!]
[Step] 3 [Defend It!]

HOW TO CALCULATE POOL CAPACITY IN U.S. GALLONS	
POOL SHAPE	FORMULA (Dimensions in feet)
Rectangular:	$L \times W \times AD \times 7.5 = \text{total gallons}$
Round:	$Di \times Di \times AD \times 5.9 = \text{total gallons}$
Oval:	Maximum L x maximum W x AD x 5.9 = total gallons
Freeform:	Surface area (sq. feet) x AD x 7.5 = total gallons

L = Length, W = Width, AD = Average Depth, Di = Diameter]

{or}

[To calculate your pool's capacity, visit hthpools.com/XXXX.]



[{or}]

[Made in the USA]

[Made in the USA of US and imported content.]



[For product questions/support [from [brand] pool [and spa] care experts:]

[Call: [brand number] [866-HTH-Pool]]

[Chat online: [brand website] [hthpools.com]]

[We're available 7 days a week from 8 AM to 10 PM EST.]

[Visit: [brand website] [hthpools.com]]

HELPLINE

866-HTH-POOL
 (4 8 4 - 7 6 6 5)

Call 7 days a week with
 your pool care questions.

8:00 AM - 10:00 PM EST

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[[Brand name] and the [brand] logo are trademarks of Lonza or its affiliates.]
 [[HTH@][brand] and the [HTH@][brand] logo are registered trademarks of Arch Chemicals, Inc.]

*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)*

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ALL PRECAUTIONARY STATEMENTS BEFORE USE.

{Use 1} [SWIMMING POOLS]

{Mass Channel}

[WHY YOU SHOULD USE THIS PRODUCT: When used regularly, this product will prevent the growth of green, black and [mustard] [yellow] algae.]

{Optional statement for pool care program for [Brand A]}

[For crystal clear pool water, follow the [Brand A] 4 step pool care program: Step 1: Test and adjust pool water balance, Step 2: Chlorinate and clarify, Step 3: Shock treat your pool at least once a week, and Step 4: Add algaecide regularly].

{Optional statement for pool care program with the [Brand B]} [For crystal clear pool water, follow the [Brand B] 3-Step Program: Step 1: Test and balance pool water, Step 2: Sanitize, and Step 3: Shock at least once a week.]

{Optional statement for pool care program for the [Brand C]}

[Take a pool water sample to your authorized [Brand C] retailer for a detailed water analysis.]

[[Download the [FREE] [Test to Swim™] [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

[Visit a [Test to Swim™ Station] [device/station name], at participating retailers, for expert water analysis, product recommendations and dosage instructions. [To find a participating retailer near you, visit www.hthpools.com/XXX].]

[Use a [Test to Swim™ Station] [device/station name] (at participating retailers) or download the Test to Swim™ [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

{Dealer Channel}

[WHY YOU SHOULD USE THIS PRODUCT:] [Using this product regularly will prevent the growth of green, black and [mustard] [yellow] algae.] [For crystal-clear pool water, follow the [brand] brand 3-Step Program: 1. Sanitize It!, 2. Shock It! And 3. Defend It!]

[Consult your authorized [brand] dealer for advice on the system that best suits your pool and your lifestyle.]

[Take a pool water sample to your authorized [brand] dealer regularly for a detailed water analysis.]

[METHOD OF APPLICATION:] [HOW TO USE:]

Always apply chemicals separately. Never combine them. Add this product either directly to pool or through the skimmer while pump is in operation [according to the dosage table below]. [Round your pool size to the nearest 10,000 gallons.] [Pools with heavy growth of algae must be cleaned

prior to using this product.] Continue to keep the pump running for several hours after addition of algaecide.

{When contents are in a single use bag or pouch:} [Use entire contents of [bag] [pouch] when opened.]

[OPENING YOUR POOL:] [and/or] [INITIAL DOSE:] {or} [START-UP DOSE:]

{Mass Channel}

[Add 6 oz. of this product per 10,000 gallons of pool water.]

{or}

{Dealer Channel}

[To prevent visible algae from growing in your pool:

[1.] Add Start-up Dosage (see dosage table) of [AW03 Granular][this product] to establish level needed to begin protecting your pool.

[2.] Continue with [BRAND] sanitizer system treatment.]

[MAINTENANCE DOSE:]

{Mass Channel}

[Add 2 oz. of this product per 10,000 gallons of pool water each month.]

{or}

{Dealer Channel}

[[1.] Monthly add [AW03 Granular] [this product] per the dosage table, or take a water sample to your Authorized [brand] Dealer to test for [AW03 Granular] level.

[2.] If [AW03 Granular] [this product] is less than 0.5 ppm add a Start-Up dose; if level is greater or equal to 0.5 ppm add a Maintenance dose according to the table.]]

[POOL CLOSING:][[CLOSING YOUR POOL:] [WINTERIZING:]

{Mass Channel}

[When swimming season is over, add 4 oz. of [AW03 Granular] [this product] per 10,000 gallons of pool water.] [This dosage helps control algae growth during the winter months and aids the servicing of the pool before it is returned to use the following season.]

[Follow recommended [brand] pool closing procedure.]]

{or}

{Dealer Channel}

[[1.] Add a Closing Dose of [AW03 Granular] [this product] according to the table.

[2.] Follow recommended [brand] pool closing procedure.]

{Dosage chart for re-closable containers}

Dosage Table			
Pool Size, Gallons (round to nearest 5,000 gallons)	[Initial] [Start- Up] Dosage Number of [Ounces][oz.]	Maintenance Dosage Number of [Ounces][oz.]	[Closing][Winterizing] Dosage Number of [Ounces][oz.]
5,000	3	1	2
10,000	6	2	4
15,000	9	3	6
20,000	12	4	8
25,000	15	5	10
30,000	18	6	12
35,000	21	7	14
40,000	24	8	16

{Dosage chart for 2 ounce pouch}

Dosage Table			
Pool Size, Gallons*	[Initial] [Start-Up]	Maintenance	Closing
10,000	6 oz	2 oz	4 oz
20,000	12 oz	4 oz	8 oz
30,000	18 oz	6 oz	12 oz
40,000	24 oz	8 oz	16 oz

*round to nearest 10,000 gallons

{Optional instructions for pool kit}

[For Pool Opening:

Prepare the pool:

1. Remove cover and raise the water level as needed per the pool manufacturer's directions.
2. Reconnect hoses, circulation and electrical equipment, then start pump.

Prepare the water:

1. Circulate water for at least 8 hours, then test using [test kit or test strip name].
2. Balance Total Alkalinity, pH, and Calcium Hardness using the appropriate [brand] products.
3. Add the [algaecide product name] through the skimmer. Follow the directions on the product label for opening dose amounts based on pool volume.
4. Next, broadcast the [metal control product name] over the deepest part of the pool. Maintain circulation for 24 – 48 hours.
5. Broadcast the [shock product name] over the deepest part of the pool according to "Opening Your Pool" instructions on product label.
6. Add your preferred [brand] sanitizer as needed and maintain free available chlorine level between 1 – 4 ppm. Follow normal maintenance routine.

For Pool Closing:

1. Balance the water and clean the filter using [brand] products.
2. With the pump and filter operating, broadcast the [shock product name] over the deepest part of the pool according to pool "Shock Treatment" instructions on product label.
3. Next, add the proper closing dose of [algaecide product name] through the skimmer.
4. Broadcast the [metal control product name] over the deepest part of the pool. Maintain circulation for 24 – 48 hours.
5. Follow equipment manufacturer's directions to winterize the pump, filter, and other pool equipment.

[Follow label directions for each of these products. [See side panel.]]

{Use 2} [SPAS & HOT TUBS]

[WHY YOU SHOULD USE THIS PRODUCT:]

[When used regularly, this product will prevent the growth of green, black and [mustard] [yellow] algae.]

[[Download the [FREE] [Test to Swim™] [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

[Visit a [Test to Swim™ Station] [device/station name], at participating retailers, for expert water analysis, product recommendations and dosage instructions. [To find a participating retailer near you, visit www.hthpools.com/XXX].]

[Use a [Test to Swim™ Station] [device/station name] (at participating retailers) or download the Test to Swim™ [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

[METHOD OF APPLICATION:][HOW TO USE:]

Always apply chemicals separately. Never combine them. This product works best when added [in several places] by itself directly to spa or hot tub water with the pump running. Continue to keep the pump running for at least 30 minutes after addition of algaecide. Wait 15 minutes before entering the spa or hot tub. Clean spas or hot tubs with heavy growth of algae prior to using this product.

INITIAL TREATMENT: Add 1/4 oz. [(1 1/2 teaspoons (tsp))] per 400 gallons water. Initial dose is used upon filling of Spa/Hot Tub. For maximum effectiveness, spas containing heavy algae growth must be drained and cleaned prior to treatment. Drain and clean Spa/Hot Tub at least once a month or as needed depending on bather load.

MAINTENANCE DOSE: After initial treatment, to keep your spa free of algae growth, add 0.1 oz. [(1/2 tsp)] per 400 gallons capacity every 5-7 days. This algaecide can be used in conjunction with chlorine or bromine sanitizer systems.